

Khanittha Chuakam 2007: The Effect of the Cooperative Learning Game Activity on Ecosystem for Developing Attitudes Towards Science. Master of Arts in Teaching, Major Field: Teaching Science, Department of Education. Thesis Advisor: Associate Professor Sunan Song-ong, Ph.D. 210 pages.

The purpose of this study were to 1) construct the Cooperative Learning Game Activity on Ecosystem with the effectiveness on the basis of the 80/80 criterion 2) compare attitudes towards Science between the score from the pretest and posttest by using Cooperative Learning Game Activity on Ecosystem 3) study student's opinion on the Cooperative Learning Game Activity on Ecosystem

The samples of this study were 20 students of Mattayomsuksa I, academic year 2006, in Kasetsart University Laboratory School selected by purposive sampling. The research instrument were the Cooperative Learning Game Activity on Ecosystem, the activity planning, the attitudes towards science questionnaire and the opinionnaire of the Cooperative Learning Game Activity on Ecosystem Data were analyzed by using mean, standard deviation and t-test

The result revealed the following:

1. The effectiveness of the Cooperative Learning Game Activity on Ecosystem was 88/85 witch reached the standard criterion of 80/80
2. The Attitude towards science scores of students for the post-test scores were higher than the pre-test scores at .01 level of significance
3. Students agreed and strongly agreed that the purpose of Cooperative Learning Game Activity on Ecosystem, activity set and materials supplied were suitable for student not less than 80 percent.

*Khanittha Chuakam*

Student's signature

*Sunan Song Ong*

Thesis Advisor's signature

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